

Appln. No. 09/735,919

Attorney Docket No. T2147-906756

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (Cancelled)

15. (Currently Amended) A method for deploying a distributed monitoring of a computer system comprising a plurality of resources to be monitored forming at least one monitored domain, the method comprising:

determining a plurality of indicators to be deployed, the plurality of indicators characterizing the status or the operation of one or more resources of the computer system;

specifying the domain or domains of the computer system in which each indicator should be deployed;

creating a configuration agent for each of the resources to be monitored;

for each of the resources to be monitored, using said configuration agent for creating an indicator agent indicator agents to evaluate each of the plurality of indicators, each indicator agent managing a subscriber list on which an identification of at least one other indicator agent may be written; and

deploying the plurality of indicators.

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16. (Previously Presented) A deployment method according to claim 15, wherein each indicator agent is an indicator deployment agent, created by the respective configuration agent, the method further comprising determining by said indicator deployment agent, for the indicator with which said deployment agent is associated, various combinations of the values of the variables for which the indicator is calculated.

17. (Previously Presented) A deployment method according to claim 16, further comprising,

- analyzing a formula defining the indicator,
- generating by an indicator compiler two object classes "I_Deployer" and "I_Indicator", after analyzing the formula defining the indicator, said two object classes corresponding to the indicator deployment agents that deploy the instances of the class "I_Indicator" and to the indicator agents that evaluate the indicator.

18. (Previously Presented) A deployment method according to claim 16, further comprising executing by the indicator deployment agent a process for resolving the names of objects referenced in a formula of the indicator and creating by the indicator deployment agent corresponding indicator agents by determining valid combinations of the values of the variables of said objects.

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19. (Previously Presented) A deployment method according to claim 17, further comprising generating, for any indicator, by an indicator compiler two object classes "I_Deployer" and "I_Indicator", after analyzing the formula defining the indicator, said two object classes corresponding to the indicator deployment agents that deploy the instances of the class "I_Indicator" and to the indicator agents that evaluate the indicator.

20. (Previously Presented) A deployment method according to claim 18, wherein the process for resolving the name consists of applying a process for searching for all of the objects identified in the formula of the indicator, the search process consisting of:

- verifying for a referenced object whether a constraint expressed in the values of the variables is satisfied, and
- if the constraint is satisfied, creating the indicator agent associated with the indicator deployment agent, using as parameters the objects corresponding to the valid combinations of the values of the variables found.

21. (Previously Presented) A deployment method according to claim 19, wherein the process for resolving the name consists of applying a process for searching for all of the objects identified in the formula of the indicator, the search process consisting of:

- verifying for a referenced object whether a constraint expressed in the values of the variables is satisfied, and

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- if the constraint is satisfied, creating the indicator agent associated with the indicator deployment agent, using as parameters the objects corresponding to the valid combinations of the values of the variables found.

22. (Previously Presented) A deployment method according to claim 16, further comprising:

deploying a specified configuration using a configuration deployment agent that creates and assigns each configuration agent;

managing the configuration deployment agent and the configuration agents by at least one agent machine installed in at least one resource of the monitored domain.

23. (Cancelled).

24. (Previously Presented) A deployment method according to claim 16, further comprising managing the indicator deployment agent either by an agent machine that manages the configuration agent associated with the indicator deployment agent, or by a different agent machine.

25. (Previously Presented) A deployment method according to claim 17, further comprising managing the indicator deployment agent either by an agent machine that

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manages the configuration agent associated with the indicator deployment agent, or by a different agent machine.

26. (Currently Amended) A device embedded in a computer for deploying a distributed monitoring of a computer system, said device comprising:

a plurality of resources to be monitored, said resources forming a monitored domain,

a plurality of indicators characterizing the status or the operation of one or more resources of the computer system, and

configuration means that specifies the domain or domains of the computer system in which each indicator is deployed, the configuration means comprising a configuration deployment agent that creates, for each resource to be monitored, a configuration agent, wherein each configuration agent creates a plurality of indicator agents for the resource and each indicator agent evaluates one of the plurality of indicators, each indicator agent managing a subscriber list on which an identification of at least one other indicator agent may be written.

27. (Previously Presented) A deployment device according to claim 26, wherein each configuration agent comprises means for creating an indicator agent for each indicator of the resource to which said indicator is assigned, said indicator agent being an indicator deployment agent for determining, for the indicator with which said deployment agent is associated, various combinations of the values of the variables for which the indicator is calculated.

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28. (Previously Presented) A deployment device according to claim 27, further comprising an indicator compiler that generates for each indicator, after analyzing a formula defining the indicator, two object classes "I_Deployer" and "I_Indicator", which respectively correspond to the indicator deployment agents that deploy the instances of the class "I_Indicator" and to the indicator agents that evaluate the indicator.

29. (Previously Presented) A deployment device according to claim 26, characterized in that the indicator deployment agent comprises means for resolving the names of objects referenced in a formula defining the indicator and means for creating corresponding indicator agents by determining valid combinations of the values of the variables of said objects determined by the name resolution means.

30. (Previously Presented) A deployment device according to claim 27, characterized in that the indicator deployment agent comprises means for resolving the names of objects referenced in a formula defining the indicator and means for creating corresponding indicator agents by determining valid combinations of the values of the variables of said objects determined by the name resolution means.

31. (Previously Presented) A deployment device according to claim 29, characterized in that the means for resolving the names of objects comprise means for

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searching for all objects identified in the formula of the indicator, the search means comprising means for verifying, for a referenced object, whether the constraint expressed in the values of the variables is satisfied, and means for creating the indicator agent associated with the indicator deployment agent if the constraint is satisfied, using as parameters the objects corresponding to the valid combinations of the values of the variables found.

32. (Previously Presented) A deployment device according to claim 27, characterized in that the configuration deployment agents and the configuration agents are managed by at least one agent machine installed in at least one resource of the monitored domain.

33. (Previously Presented) A deployment device according to claim 28, characterized in that the configuration deployment agents and the configuration agents are managed by at least one agent machine installed in at least one resource of the monitored domain.

34. (Previously Presented) A deployment device according to claim 27, further comprising means for managing each indicator deployment agent either by the agent machine that manages the configuration agent associated with the indicator deployment agent, or by a different agent machine.

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35. (Previously Presented) A deployment device according to claims 28, further comprising means for managing each indicator deployment agent either by the agent machine that manages the configuration agent associated with the indicator deployment agent, or by a different agent machine.